

SECTION IV.—RIVERS AND FLOODS.

RIVERS AND FLOODS, JULY, 1914.

By ALFRED J. HENRY, Professor of Meteorology, in charge of River and Flood Division.

[Dated Washington, D. C., Aug. 31, 1914.]

There were no floods of consequence in any part of the United States during the month. The Arkansas in eastern Colorado was at the flood stage several times during the last 10 days of the month, but beyond overflowing the bottom lands no damage was done.

The Mississippi in the Dubuque, Iowa, section was considerably higher than the ordinary July stages. Owing to the high water of the previous month no crops were raised on the lowlands along the river.

During the second week of the month the rivers of the Carolinas were at relatively high stages but flood stages were not reached.

MEAN LAKE LEVELS DURING JULY, 1914.

By UNITED STATES LAKE SURVEY.

[Dated Detroit, Mich., Aug. 4, 1914.]

The Notice to Mariners bearing the above date reports the following levels and changes in levels:

Data.	Lakes.			
	Superior.	Michigan and Huron.	Erie.	Ontario.
Mean level during July, 1914:				
Above mean sea level at New York.....	Feet. 602.68	Feet. 580.74	Feet. 572.83	Feet. 246.72
Above or below—				
Mean stage of June, 1914.....	+ 0.19	+ 0.14	— 0.21	— 0.
Mean stage of July, 1913.....	+ 0.04	+ 0.54	— 0.74	— 1.19
Average stage for July, last 10 years..	+ 0.18	— 0.38	— 0.07	— 0.13
Highest recorded July stage.....	— 1.14	— 2.84	— 1.58	— 2.00
Lowest recorded July stage.....	+ 1.20	+ 0.84	— 1.37	+ 2.13
Probable change during August, 1914.....	+ 0.2	— 0.1	— 0.2	— 0.3